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Cumulative Michigan COVID-19 Data

Michigan COVID-19 State Data

11-8-2021

2021-11-08_MichiganOverview_COVIDstats

Michigan Department of Health & Human Services

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Coronavirus

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CORONAVIRUS / MICHIGAN DATA

Michigan Data

Hospitals

Long Term
Care Facilities

Coronavirus
Symptoms

Cumulative
Recovered

Outbreak
Reporting

School-Related
Outbreak
Reporting

Wastewater
Surveillance

Testing
Turnaround
Time

MIS-C Data
and Reporting

Data and
Modeling
Updates

COVID case and testing data will be posted three times a week on Mondays, Wednesdays and Fridays.

Note on cases (11/08/2021): Today's daily case count represents new referrals of confirmed cases to the MDSS since the last web update report. Over the three days (Saturday, Sunday, and Monday), the average number of new confirmed cases is ~2970 per day.

Note on deaths (11/08/2021): Regular reviews of death certificate data maintained in Vital Records reporting systems are conducted by MDHHS staff three times per week. As a part of this process, records that identify COVID-19 infection as a contributing factor to death are compared against all laboratory confirmed cases of COVID-19 in the Michigan Disease Surveillance System (MDSS). If a death certificate is matched to a confirmed COVID-19 case and that record in the MDSS does not indicate the individual died, the MDSS record is updated to indicate the death and the appropriate local health department is notified. These matched deaths are then included with mortality information posted to the Michigan Coronavirus website. As a result of the most recent assessment, today's data includes **21** additional deaths identified by this methodology.

The State of Michigan is working around the clock to test and treat COVID-19 patients. Below is the most recent data healthcare experts across the state have compiled. It is updated Monday, Wednesday & Friday. **Looking for COVID-19 Vaccine data? Click here.**

CURRENT STATUS

DAILY CASES

CUMULATIVE TRENDS

DEMOGRAPHICS

TOTAL TESTING

CONFIRMATORY TESTING

LEARN MORE

View Cases

View Deaths

View Table

Select Preparedness Region:

All

Select County:

All

This report is provisional and subject to change. City of Detroit and Wayne County are reported separately. MDHHS began tracking probable cases April 5, 2020. FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections. Diagnostic tests, including nucleic acid amplification/real-time polymerase chain reaction (NAAT/RT-PCR) and rapid virus antigen detection tests, look for current infection. Serology (antibody) tests are used to look for the possibility of previous infection.

Source: Michigan Disease Surveillance System (MDSS) and Vital Records.

COVID-19 Cases by County

Confirmed cases include individuals with a positive NAAT/RT-PCR test for COVID-19. Probable cases include individuals with either a positive rapid antigen detection test OR COVID-19 symptoms and an epidemiologic link to a confirmed COVID-19 case, but no diagnostic test.

Cases by County

43-320

321-3589

3590-15628

15629-151250

151251+

Michigan

Monday, November 08, 2021

Current Totals

Laboratory Testing

TestType	Tests Performed
Diagnostic	17,803,074
Serology	725,636
Total	18,528,710

Microsoft Power BI

< 1 of 7 >

https://www.michigan.gov/coronavirus/0,9753,7-406-98163_98173---,00.html

1/2

Cases by Hispanic/Latino Ethnicity

Hispanic/Latino Ethnicity	Percentage of Confirmed Cases by Ethnicity	Percentage of Confirmed Deceased Cases by Ethnicity
Hispanic/Latino	5.10%	3.24%
Non-Hispanic/Latino	70.58%	88.61%
Unknown	24.32%	8.15%

Totals may not add to 100% due to rounding

Cases by Arab Ethnicity

Arab Ethnicity	Percentage of Confirmed Cases by Ethnicity	Percentage of Deceased Confirmed Cases by Ethnicity
Arab	2.54%	1.64%
Non-Arab	48.37%	52.77%
Unknown	49.09%	45.59%

Totals may not add to 100% due to rounding

PUBLIC USE DATASETS 11/08/2021

(Downloadable .xlsx files)

Cases and Deaths by County

Cases and Deaths by County by Date of Onset of Symptoms and Date of Death

Cases by Demographics Statewide

COVID-19 Tests by County

Diagnostic Tests by Result and County



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Cumulative Total of Recovered COVID-19 Cases

Cumulative Total of Recovered COVID-19 Cases (as of 11/05/2021): 1,026,195

During this response, MDHHS is reviewing vital records statistics to identify any laboratory confirmed COVID-19 cases who are 30 days out from their onset of illness to represent recovery status. As the pandemic continues to impact Michigan, this pool will expand to include more cases. Recovered is defined as the number of persons with a confirmed COVID-19 diagnosis who are alive 30 days post-onset (or referral date if onset is not available). The number of persons recovered on November 5, 2021 represents COVID-19 confirmed individuals with an onset date on or prior to October 6, 2021. If an individual expires from a COVID-related cause >30 days from onset/referral, they are removed from the number of persons recovered. These numbers will be updated every Monday.

Source: Michigan Disease Surveillance System and Vital Records

[View Cases](#)[View Deaths](#)[View Table](#)

Select Preparedness Region:

All



Select County:

All



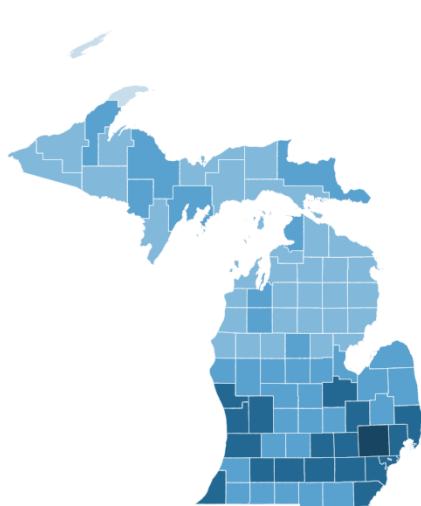
This report is provisional and subject to change. City of Detroit and Wayne County are reported separately. MDHHS began tracking probable cases April 5, 2020. FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections. Diagnostic tests, including nucleic acid amplification/real-time polymerase chain reaction (NAAT/RT-PCR) and rapid virus antigen detection tests, look for current infection. Serology (antibody) tests are used to look for the possibility of previous infection.

Source: Michigan Disease Surveillance System (MDSS) and Vital Records.

COVID-19 Cases by County

Confirmed cases include individuals with a positive NAAT/RT-PCR test for COVID-19. Probable cases include individuals with either a positive rapid antigen detection test OR COVID-19 symptoms and an epidemiologic link to a confirmed COVID-19 case, but no diagnostic test.

Cases by County



● 43-320

● 321-3589

● 3590-15628

● 15629-151250

● 151251+

Michigan

Monday, November 08, 2021

Michigan (Statewide) Case Fatality Rate

1.9%

Current Totals

Case Status	Cases	Deaths
Confirmed	1,166,517	22,521
Probable	153,207	1,506
Total	1,319,724	24,027

Laboratory Testing

TestType	Tests Performed
Diagnostic	17,803,074
Serology	725,636
Total	18,528,710

[View Cases](#)[View Deaths](#)[View Table](#)

Select Preparedness Region:

All

Select County:

All

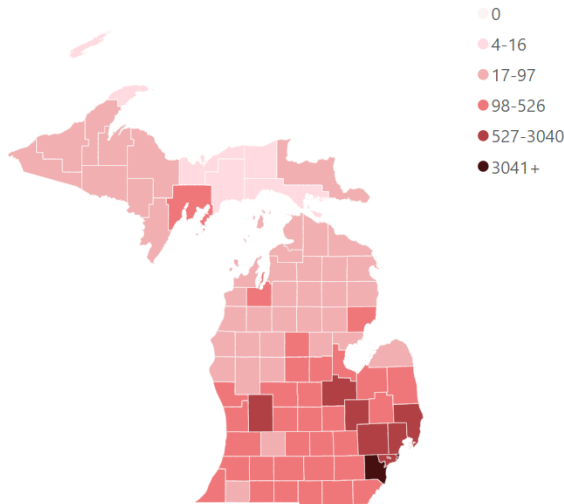
This report is provisional and subject to change. City of Detroit and Wayne County are reported separately. MDHHS began tracking probable cases April 5, 2020. FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections. Diagnostic tests, including nucleic acid amplification/real-time polymerase chain reaction (NAAT/RT-PCR) and rapid virus antigen detection tests, look for current infection. Serology (antibody) tests are used to look for the possibility of previous infection.

Source: Michigan Disease Surveillance System (MDSS) and Vital Records.

COVID-19 Deaths by County

Confirmed deaths include individuals who had a confirmed COVID-19 infection AND are either classified as deceased during the case investigation, have COVID-19 indicated as a cause of death on their death certificate, or who die within 30 days of infection and their manner of death is listed as natural. Probable deaths include individuals who have COVID-19 indicated on their death certificate where there is no available evidence of a confirmatory test result (positive or negative).

Deaths by County



Michigan

Monday, November 08, 2021

Michigan (Statewide) Case Fatality Rate

1.9%

Current Totals

Case Status	Cases	Deaths
Confirmed	1,166,517	22,521
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Laboratory Testing

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Total	18,528,710

Cases

Deaths

View Table

Select Preparedness Region:

All



Select County:

All



Cases are shown by onset date or by lab specimen collection date if onset date was unavailable. Deaths are shown by date of death or date of last status update if date of death was unavailable. Tracking of probable cases and deaths did not begin until April 5, 2020, therefore only probable cases referred for investigation on or after April 5, 2020 are displayed (onset may have been prior).

Notes: FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections.

Daily Cases by Status

The number of daily confirmed cases represent the total number of people who had a positive NAAT/RT-PCR test for COVID-19. Cases are shown by the date of onset of symptoms.

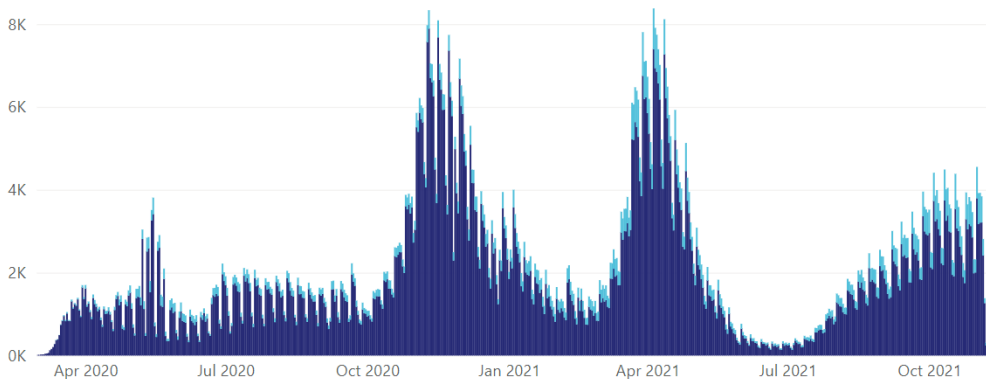
Filter by Date:

3/1/2020

11/8/2021

Cases by Date of Onset

CASE_STATUS ● Confirmed ● Probable



Cases

Deaths

View Table

Select Preparedness Region:

All



Select County:

All



Cases are shown by onset date or by lab specimen collection date if onset date was unavailable. Deaths are shown by date of death or date or last status update if date of death was unavailable. Tracking of probable cases and deaths did not begin until April 5, 2020, therefore only probable cases referred for investigation on or after April 5, 2020 are displayed (onset may have been prior).

Notes: FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections.

Daily Deaths by Status

Confirmed deaths include individuals who had a confirmed COVID-19 infection and are classified as deceased by the case investigation, have COVID-19 indicated as a cause of death on their death certificate, or who die within 30 days of infection and their manner of death is listed as natural. Data are shown by the date of death.

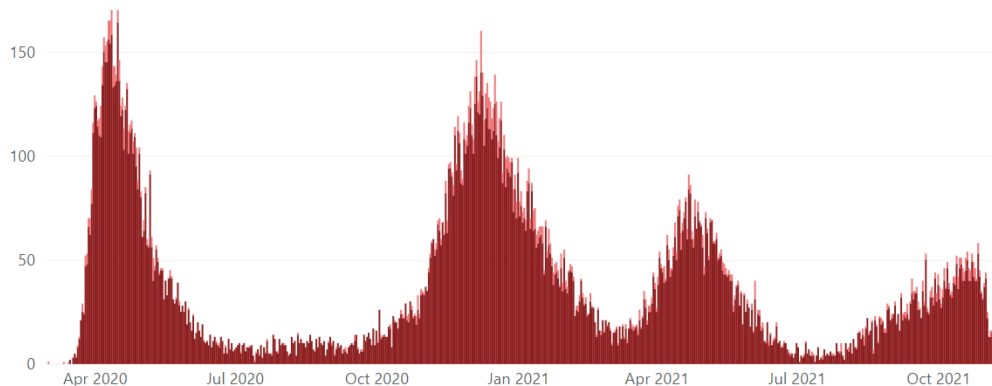
Filter by Date:

3/1/2020

11/8/2021

Deaths by Date of Death

CASE_STATUS ● Confirmed ● Probable





STATUS

DAILY CASES

CUMULATIVE TRENDS

DEMOGRAPHICS

TOTAL TESTING

CONFIRMATORY
TESTING

LEARN MORE

View Table

View Chart

Select Preparedness Region:

All

Select County:

All

Cases are shown by onset date or by lab specimen collection date if onset date was unavailable. Deaths are shown by date of death or date of last status update if date of death was unavailable. Tracking of probable cases and deaths did not begin until April 5, 2020, therefore these data are not displayed by date.

Notes: FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections.

Cumulative Confirmed Cases and Deaths among Confirmed Cases

Cumulative cases represent the total number of people who had a positive NAAT/RT-PCR test for COVID-19. Cases are shown by the date of onset of symptoms. Cumulative Deaths represent the total number of people who had a confirmed COVID-19 infection AND are either classified as deceased during the case investigation, have COVID-19 indicated as a cause of death on their death certificate, or who die within 30 days of onset and their manner of death is listed as natural. Deaths are shown by date of death.

Filter By Date:

3/1/2020

11/8/2021

Cumulative Confirmed Cases and Deaths among Confirmed Cases by Date

● Cumulative Cases ● Cumulative Deaths

1.2M

1.0M

0.8M

0.6M

0.4M

0.2M

0.0M

Apr 2020

Jul 2020

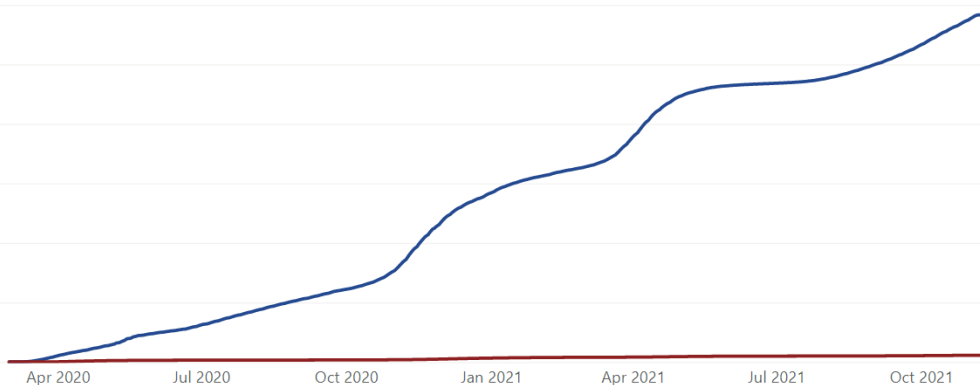
Oct 2020

Jan 2021

Apr 2021

Jul 2021

Oct 2021



Cases by Demographic Characteristics

Data are suppressed when the number of cases is five or below to protect the confidentiality of individuals. The sum of the cases for individual categories may be fewer than the total number of cases due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.

Cases

Deaths

Select case status:

- ☒ Confirmed
☐ Probable

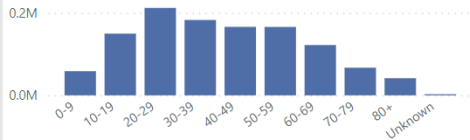
Select Preparedness Region:

All

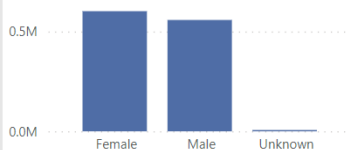
Select county:

All

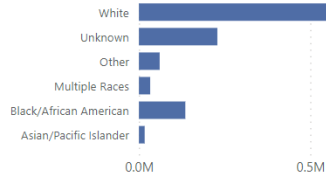
Cases by Age Group



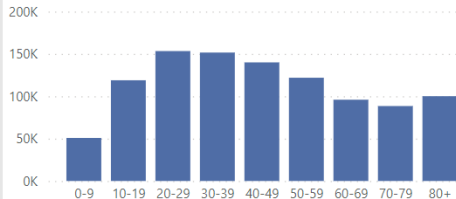
Cases by Sex



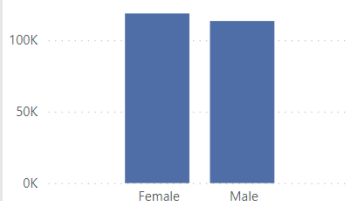
Cases by Race



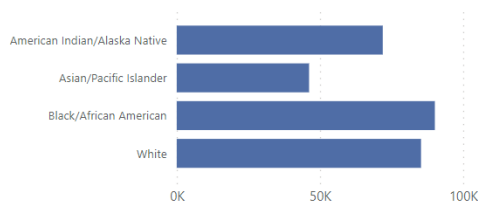
Cases per Million by Age Group



Cases per Million by Sex



Cases per Million by Race



Cases by Demographic Characteristics

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Cases

Deaths

Select case status:

- ☐ Confirmed
☒ Probable

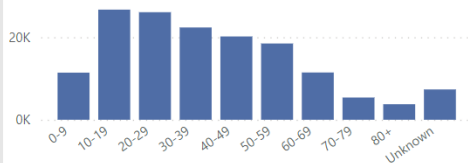
Select Preparedness Region:

All

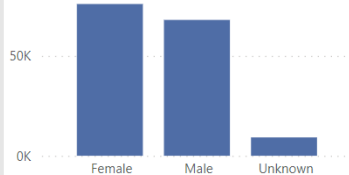
Select county:

All

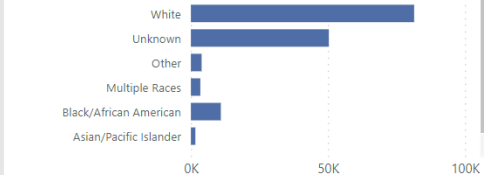
Cases by Age Group



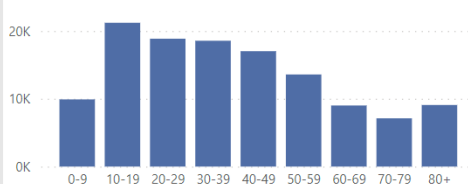
Cases by Sex



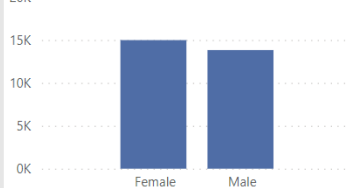
Cases by Race



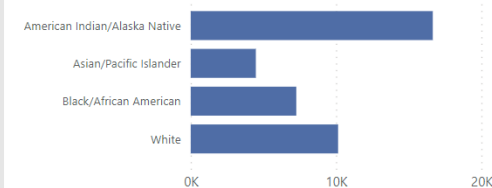
Cases per Million by Age Group



Cases per Million by Sex



Cases per Million by Race



Deaths by Demographic Characteristics

Data are suppressed when the number of deaths is five or below to protect the confidentiality of individuals. The sum of the deaths for individual categories may be fewer than the total number of deaths due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.

Cases

Deaths

Select case status:

- ☒ Confirmed
☐ Probable

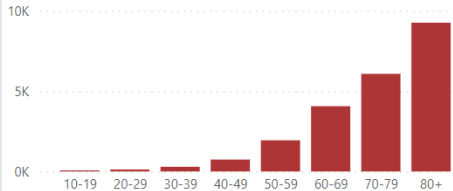
Select Preparedness Region:

All

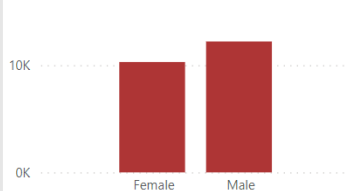
Select county:

All

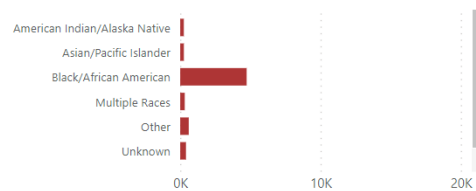
Deaths by Age Group



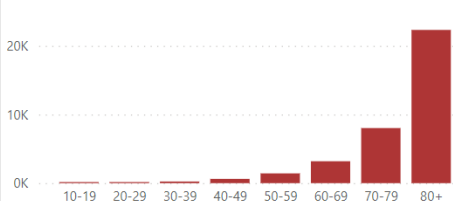
Deaths by Sex



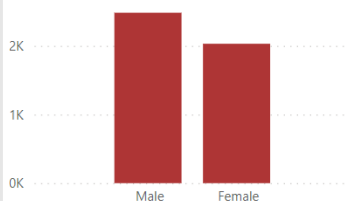
Deaths by Race



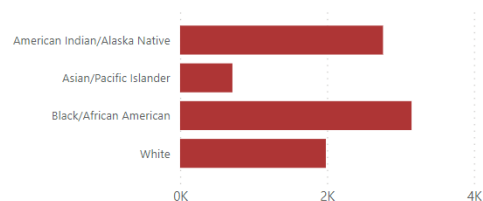
Deaths per Million by Age Group



Deaths per Million by Sex



Deaths per Million by Race



Deaths by Demographic Characteristics

Data are suppressed when the number of deaths is five or below to protect the confidentiality of individuals. The sum of the deaths for individual categories may be fewer than the total number of deaths due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.

Cases

Deaths

Select case status:

☐ Confirmed☒ Probable

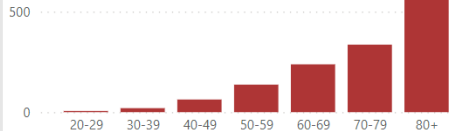
Select Preparedness Region:

All

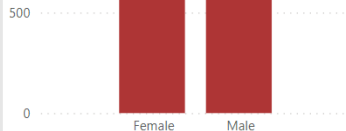
Select county:

All

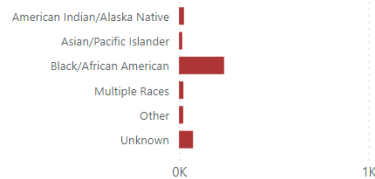
Deaths by Age Group



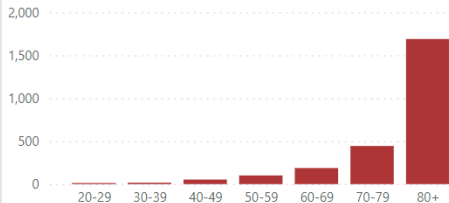
Deaths by Sex



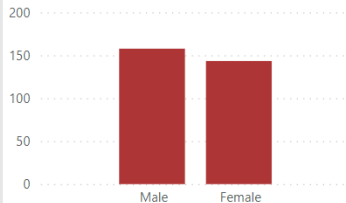
Deaths by Race



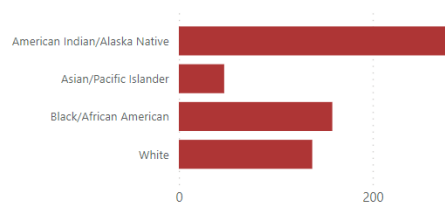
Deaths per Million by Age Group



Deaths per Million by Sex



Deaths per Million by Race



[View Table](#)[View Charts](#)

Select Preparedness Region:

All

Select County:

All

Confirmatory tests are used to find current infection and look for genes from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) tests.

Serology tests are used to look for the possibility of previous infection. Serology tests look for antibodies to SARS-CoV-2 in the blood. There are currently two types of serology tests: the enzyme-linked immunosorbent assay (ELISA) test and the rapid antibody detection test. Serology tests do not diagnose disease and do not guarantee immunity, but might provide information about previous infection.

Total Covid-19 Laboratory Tests

Total testing includes both confirmatory tests which are used to determine if an individual currently has COVID-19 and serology testing which is used to determine if a person has antibodies to COVID-19.

Filter by Date:

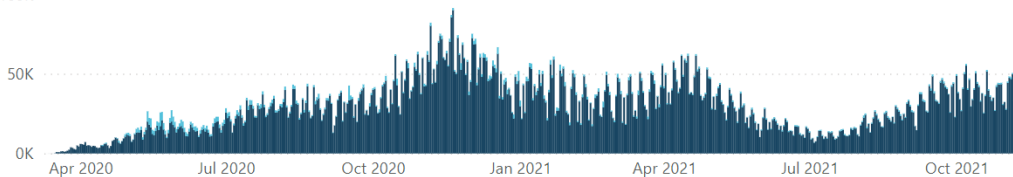
3/10/2020

11/7/2021

Total Laboratory Tests by Type and Date

Test Type ● Diagnostic ● Serology

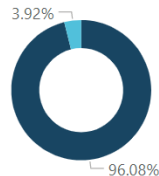
100K



Total Tests Completed to Date

Test Type	Total Tests	Tests per Million Residents
Diagnostic	17,803,074	1,781,888
Serology	725,636	72,628
Total	18,528,710	1,854,516

Percent of Tests Completed by Type



Test Type

● Diagnostic

● Serology



STATUS

DAILY CASES

CUMULATIVE TRENDS

DEMOGRAPHICS

TOTAL TESTING

CONFIRMATORY
TESTING

LEARN MORE

View Table

View Charts

Select Preparedness Region

All



Select County

All



Confirmatory tests are used to find current infection and look for genes from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) tests. Confirmatory tests do not include serology tests which look for antibodies to SARS-Cov-2 in the blood.

Confirmatory Covid-19 Laboratory Tests

Confirmatory tests are used to determine if an individual is currently infected with COVID-19.

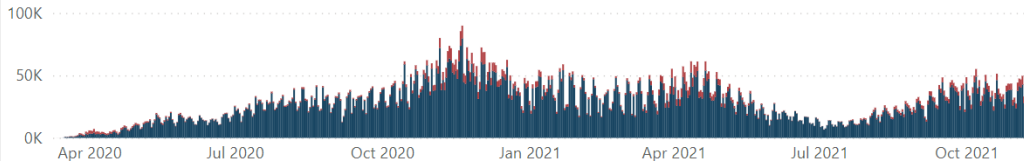
Filter by Date

3/10/2020

11/7/2021

Total Laboratory Tests by Type and Date

Test Type ● Negative ● Positive



Percent of Confirmatory Tests That Were Positive



Where does the data come from?

The State of Michigan COVID-19 Dashboard displays the most recent provisional data reported to the Michigan Department of Health and Humans Services (MDHHS) about cases in Michigan by selected demographics and county of residence (City of Detroit and Wayne County are reported separately). Data are reported to MDHHS via the [Michigan Disease Surveillance System \(MDSS\)](#). Provisional Death data are provided by the MDHHS Division for [Vital Records & Health Statistics](#).

How does MDHHS classify confirmed and probable cases?

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19. Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

How does MDHHS classify confirmed and probable deaths?

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'. Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

Why do the number of probable cases fluctuate?

The number of probable cases can change daily based on the investigation efforts of the health department. When a probable case is first reported, local and/or state health department staff investigate to determine if the person meets the case definition of probable. As additional information is gathered, the case could be re-classified to confirmed, remain as probable, or be determined as not a case.

Why do data in the demographics tab not sum to the total number of cases for a county or region?

Data are not shown whenever the number of cases for a particular demographic category is fewer than six to protect the confidentiality of individuals. Rates are not calculated for other, multiple, and unknown race because an appropriate population denominator is not available for these categories at the county level.

Where can I get more information about COVID-19?

Visit <https://www.michigan.gov/coronavirus> to find information on resources and assistance, answers to frequently asked questions, and the latest updates on Michigan's response to COVID-19. For COVID-19 updates from CDC visit <https://www.cdc.gov/coronavirus/2019-ncov>.

PUBLIC USE DATASETS

Cases and Deaths by County

README

Includes total cases and deaths to date by case status (confirmed or probable) and county. County is based on the county of residence.

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19.

Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'.

Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

The number of probable cases can change daily based on information obtained through the health department investigation. Probable cases can be re-classified as a confirmed case or determined to not be a case.

CASES AND DEATHS BY COUNTY 2021-11-08

Updated	COUNTY	ConfirmedCases	ConfirmedDeaths	ProbableCases	ProbableDeaths
2021/11/08 14:48:05	Alcona	919	38	280	6
2021/11/08 14:48:05	Alger	573	4	307	5
2021/11/08 14:48:05	Allegan	14025	176	1605	25
2021/11/08 14:48:05	Alpena	2579	70	862	3
2021/11/08 14:48:05	Antrim	1946	32	579	6
2021/11/08 14:48:05	Arenac	1729	37	174	0
2021/11/08 14:48:05	Baraga	1077	44	174	2
2021/11/08 14:48:05	Barry	7338	86	987	6
2021/11/08 14:48:05	Bay	14429	384	1172	15
2021/11/08 14:48:05	Benzie	1427	37	341	3
2021/11/08 14:48:05	Berrien	17731	311	2173	22
2021/11/08 14:48:05	Branch	6170	108	626	5
2021/11/08 14:48:05	Calhoun	16597	342	2957	18
2021/11/08 14:48:05	Cass	6392	86	969	7
2021/11/08 14:48:05	Charlevoix	1961	32	719	6
2021/11/08 14:48:05	Cheboygan	2280	65	732	3
2021/11/08 14:48:05	Chippewa	1649	43	2341	9
2021/11/08 14:48:05	Clare	3444	104	629	3
2021/11/08 14:48:05	Clinton	7778	111	2973	7
2021/11/08 14:48:05	Crawford	1291	17	177	0
2021/11/08 14:48:05	Delta	4950	92	1092	19
2021/11/08 14:48:05	Dickinson	3145	67	999	17
2021/11/08 14:48:05	Eaton	11973	239	1994	10
2021/11/08 14:48:05	Emmet	2754	50	836	1
2021/11/08 14:48:05	Genesee	42355	1024	12197	83
2021/11/08 14:48:05	Gladwin	2892	73	570	4
2021/11/08 14:48:05	Gogebic	1461	25	413	29
2021/11/08 14:48:05	Grand Traverse	7919	105	1544	16
2021/11/08 14:48:05	Gratiot	4661	125	1592	5
2021/11/08 14:48:05	Hillsdale	5854	126	627	4
2021/11/08 14:48:05	Houghton	3690	46	769	10
2021/11/08 14:48:05	Huron	3865	90	1235	6
2021/11/08 14:48:05	Ingham	28770	449	3697	12
2021/11/08 14:48:05	Ionia	9083	103	209	3
2021/11/08 14:48:05	Iosco	2860	92	348	6
2021/11/08 14:48:05	Iron	1379	48	130	11
2021/11/08 14:48:05	Isabella	8023	128	1483	7
2021/11/08 14:48:05	Jackson	20024	334	2138	11
2021/11/08 14:48:05	Kalamazoo	27455	418	3571	49
2021/11/08 14:48:05	Kalkaska	1716	39	163	1
2021/11/08 14:48:05	Kent	90140	925	7316	90
2021/11/08 14:48:05	Keweenaw	252	4	37	1
2021/11/08 14:48:05	Lake	922	19	98	3
2021/11/08 14:48:05	Lapeer	10034	245	2001	7

2021/11/08 14:48:05	Leelanau	1392	24	363	1
2021/11/08 14:48:05	Lenawee	12332	198	1643	5
2021/11/08 14:48:05	Livingston	20998	233	3542	15
2021/11/08 14:48:05	Luce	367	4	401	1
2021/11/08 14:48:05	Mackinac	899	11	450	1
2021/11/08 14:48:05	Macomb	115119	2592	10853	144
2021/11/08 14:48:05	Manistee	1605	34	245	4
2021/11/08 14:48:05	Marquette	6164	77	1377	4
2021/11/08 14:48:05	Mason	3198	47	198	1
2021/11/08 14:48:05	Mecosta	4716	51	266	2
2021/11/08 14:48:05	Menominee	2651	47	861	5
2021/11/08 14:48:05	Midland	9970	136	926	9
2021/11/08 14:48:05	Missaukee	1576	28	340	12
2021/11/08 14:48:05	Monroe	17577	283	3913	27
2021/11/08 14:48:05	Montcalm	8167	129	1009	3
2021/11/08 14:48:05	Montmorency	792	28	267	1
2021/11/08 14:48:05	Muskegon	21636	408	895	13
2021/11/08 14:48:05	Newaygo	6456	82	471	3
2021/11/08 14:48:05	Oakland	130869	2548	20382	163
2021/11/08 14:48:05	Oceana	3693	65	200	6
2021/11/08 14:48:05	Ogemaw	2367	60	459	2
2021/11/08 14:48:05	Ontonagon	581	21	70	1
2021/11/08 14:48:05	Osceola	2800	43	421	0
2021/11/08 14:48:05	Oscoda	844	37	172	2
2021/11/08 14:48:05	Otsego	2713	55	753	6
2021/11/08 14:48:05	Ottawa	39926	454	3526	60
2021/11/08 14:48:05	Presque Isle	1124	37	326	2
2021/11/08 14:48:05	Roscommon	2266	64	499	3
2021/11/08 14:48:05	Saginaw	26474	657	2128	24
2021/11/08 14:48:05	Sanilac	4505	130	720	9
2021/11/08 14:48:05	Schoolcraft	650	4	232	1
2021/11/08 14:48:05	Shiawassee	7804	129	1452	4
2021/11/08 14:48:05	St Clair	19222	500	4029	27
2021/11/08 14:48:05	St Joseph	7795	112	1038	9
2021/11/08 14:48:05	Tuscola	6551	188	1247	14
2021/11/08 14:48:05	Van Buren	9048	151	636	15
2021/11/08 14:48:05	Washtenaw	31065	324	3616	7
2021/11/08 14:48:05	Wayne	127860	2856	10172	185
2021/11/08 14:48:05	Wexford	3340	53	592	4
2021/11/08 14:48:05	MDOC	26005	150	1588	3
2021/11/08 14:48:05	FCI	316	5	5	0
2021/11/08 14:48:05	Out-of-State	2286	21	186	3
2021/11/08 14:48:05	Unknown	13	0	31	0
2021/11/08 14:48:05	Detroit City	63273	2452	4871	149

PUBLIC USE DATASETS

Cases by Demographics Statewide

README

Includes the total number of confirmed and probable cases and confirmed and probable deaths to date by demographic characteristics

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19.

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The number of probable cases can change daily based on information obtained through the health department investigation. Probable cases can be re-classified as a confirmed case or determined to not be a case.

Data is suppressed when the number of cases or deaths in a single category is between one and five to protect the confidentiality of individuals.

CASES BY DEMOGRAPHICS STATEWIDE 2021-11-08

CASE_STATUS	AgeCat	RaceCat	SEX	Cases	Deaths
Confirmed	0-9	American Indian/Alaska Native	Female	261	0
Confirmed	10-19	American Indian/Alaska Native	Female	524	0
Confirmed	20-29	American Indian/Alaska Native	Female	682	0
Confirmed	30-39	American Indian/Alaska Native	Female	601	Suppressed
Confirmed	40-49	American Indian/Alaska Native	Female	517	8
Confirmed	50-59	American Indian/Alaska Native	Female	461	17
Confirmed	60-69	American Indian/Alaska Native	Female	311	23
Confirmed	70-79	American Indian/Alaska Native	Female	150	33
Confirmed	80+	American Indian/Alaska Native	Female	83	34
Confirmed	Unknown	American Indian/Alaska Native	Female	Suppressed	0
Confirmed	0-9	Asian/Pacific Islander	Female	447	0
Confirmed	10-19	Asian/Pacific Islander	Female	1106	0
Confirmed	20-29	Asian/Pacific Islander	Female	1821	0
Confirmed	30-39	Asian/Pacific Islander	Female	1646	6
Confirmed	40-49	Asian/Pacific Islander	Female	1385	Suppressed
Confirmed	50-59	Asian/Pacific Islander	Female	1080	10
Confirmed	60-69	Asian/Pacific Islander	Female	549	16
Confirmed	70-79	Asian/Pacific Islander	Female	291	31
Confirmed	80+	Asian/Pacific Islander	Female	163	40
Confirmed	Unknown	Asian/Pacific Islander	Female	Suppressed	0
Confirmed	0-9	Black/African American	Female	3953	Suppressed
Confirmed	10-19	Black/African American	Female	8049	Suppressed
Confirmed	20-29	Black/African American	Female	14512	22
Confirmed	30-39	Black/African American	Female	13205	45
Confirmed	40-49	Black/African American	Female	10064	99
Confirmed	50-59	Black/African American	Female	8346	256
Confirmed	60-69	Black/African American	Female	6398	511
Confirmed	70-79	Black/African American	Female	3523	602
Confirmed	80+	Black/African American	Female	2225	738
Confirmed	Unknown	Black/African American	Female	29	0
Confirmed	0-9	Multiple Races	Female	1063	0
Confirmed	10-19	Multiple Races	Female	2820	Suppressed
Confirmed	20-29	Multiple Races	Female	3307	0
Confirmed	30-39	Multiple Races	Female	2437	0
Confirmed	40-49	Multiple Races	Female	2352	Suppressed
Confirmed	50-59	Multiple Races	Female	2362	10
Confirmed	60-69	Multiple Races	Female	1711	23
Confirmed	70-79	Multiple Races	Female	942	35
Confirmed	80+	Multiple Races	Female	585	72
Confirmed	Unknown	Multiple Races	Female	13	0
Confirmed	0-9	Other	Female	2096	Suppressed
Confirmed	10-19	Other	Female	4401	Suppressed
Confirmed	20-29	Other	Female	6175	Suppressed
Confirmed	30-39	Other	Female	4925	Suppressed
Confirmed	40-49	Other	Female	4480	15
Confirmed	50-59	Other	Female	3475	25
Confirmed	60-69	Other	Female	2208	55

Confirmed	70-79	Other	Female	1084	55
Confirmed	80+	Other	Female	690	96
Confirmed	Unknown	Other	Female	19	0
Confirmed	0-9	Unknown	Female	4443	0
Confirmed	10-19	Unknown	Female	13792	0
Confirmed	20-29	Unknown	Female	21907	Suppressed
Confirmed	30-39	Unknown	Female	18797	Suppressed
Confirmed	40-49	Unknown	Female	18075	7
Confirmed	50-59	Unknown	Female	18001	14
Confirmed	60-69	Unknown	Female	10941	27
Confirmed	70-79	Unknown	Female	5013	41
Confirmed	80+	Unknown	Female	3041	88
Confirmed	Unknown	Unknown	Female	167	0
Confirmed	0-9	White	Female	16073	Suppressed
Confirmed	10-19	White	Female	45861	Suppressed
Confirmed	20-29	White	Female	62937	26
Confirmed	30-39	White	Female	53822	53
Confirmed	40-49	White	Female	49139	146
Confirmed	50-59	White	Female	49917	414
Confirmed	60-69	White	Female	39096	968
Confirmed	70-79	White	Female	23389	1708
Confirmed	80+	White	Female	17924	3897
Confirmed	Unknown	White	Female	153	0
Confirmed	0-9	American Indian/Alaska Native	Male	228	0
Confirmed	10-19	American Indian/Alaska Native	Male	529	0
Confirmed	20-29	American Indian/Alaska Native	Male	562	Suppressed
Confirmed	30-39	American Indian/Alaska Native	Male	474	Suppressed
Confirmed	40-49	American Indian/Alaska Native	Male	424	Suppressed
Confirmed	50-59	American Indian/Alaska Native	Male	350	14
Confirmed	60-69	American Indian/Alaska Native	Male	285	53
Confirmed	70-79	American Indian/Alaska Native	Male	146	37
Confirmed	80+	American Indian/Alaska Native	Male	56	25
Confirmed	Unknown	American Indian/Alaska Native	Male	0	0
Confirmed	0-9	Asian/Pacific Islander	Male	530	0
Confirmed	10-19	Asian/Pacific Islander	Male	1098	0
Confirmed	20-29	Asian/Pacific Islander	Male	1990	Suppressed
Confirmed	30-39	Asian/Pacific Islander	Male	1522	Suppressed
Confirmed	40-49	Asian/Pacific Islander	Male	1172	8
Confirmed	50-59	Asian/Pacific Islander	Male	987	10
Confirmed	60-69	Asian/Pacific Islander	Male	572	34
Confirmed	70-79	Asian/Pacific Islander	Male	266	53
Confirmed	80+	Asian/Pacific Islander	Male	132	42
Confirmed	Unknown	Asian/Pacific Islander	Male	Suppressed	0
Confirmed	0-9	Black/African American	Male	4014	0
Confirmed	10-19	Black/African American	Male	7261	Suppressed
Confirmed	20-29	Black/African American	Male	12410	28
Confirmed	30-39	Black/African American	Male	11838	62
Confirmed	40-49	Black/African American	Male	9806	155
Confirmed	50-59	Black/African American	Male	8759	367
Confirmed	60-69	Black/African American	Male	6144	620

Confirmed	70-79	Black/African American	Male	3064	722
Confirmed	80+	Black/African American	Male	1262	496
Confirmed	Unknown	Black/African American	Male	11	0
Confirmed	0-9	Multiple Races	Male	1177	Suppressed
Confirmed	10-19	Multiple Races	Male	2706	Suppressed
Confirmed	20-29	Multiple Races	Male	2785	Suppressed
Confirmed	30-39	Multiple Races	Male	1978	Suppressed
Confirmed	40-49	Multiple Races	Male	1901	8
Confirmed	50-59	Multiple Races	Male	1858	13
Confirmed	60-69	Multiple Races	Male	1565	42
Confirmed	70-79	Multiple Races	Male	849	45
Confirmed	80+	Multiple Races	Male	360	62
Confirmed	Unknown	Multiple Races	Male	10	0
Confirmed	0-9	Other	Male	2205	Suppressed
Confirmed	10-19	Other	Male	4483	Suppressed
Confirmed	20-29	Other	Male	6217	Suppressed
Confirmed	30-39	Other	Male	5106	6
Confirmed	40-49	Other	Male	4763	32
Confirmed	50-59	Other	Male	3871	44
Confirmed	60-69	Other	Male	2318	92
Confirmed	70-79	Other	Male	1020	90
Confirmed	80+	Other	Male	434	84
Confirmed	Unknown	Other	Male	16	0
Confirmed	0-9	Unknown	Male	4620	0
Confirmed	10-19	Unknown	Male	13001	Suppressed
Confirmed	20-29	Unknown	Male	22339	Suppressed
Confirmed	30-39	Unknown	Male	19240	12
Confirmed	40-49	Unknown	Male	17318	14
Confirmed	50-59	Unknown	Male	17802	32
Confirmed	60-69	Unknown	Male	10596	41
Confirmed	70-79	Unknown	Male	4142	46
Confirmed	80+	Unknown	Male	1819	78
Confirmed	Unknown	Unknown	Male	204	0
Confirmed	0-9	White	Male	17138	0
Confirmed	10-19	White	Male	43148	Suppressed
Confirmed	20-29	White	Male	53084	38
Confirmed	30-39	White	Male	46104	88
Confirmed	40-49	White	Male	43657	234
Confirmed	50-59	White	Male	47778	712
Confirmed	60-69	White	Male	38800	1557
Confirmed	70-79	White	Male	22883	2577
Confirmed	80+	White	Male	12639	3510
Confirmed	Unknown	White	Male	121	0
Confirmed	0-9	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	10-19	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	20-29	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	30-39	American Indian/Alaska Native	Unknown	6	0
Confirmed	40-49	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	50-59	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	60-69	American Indian/Alaska Native	Unknown	Suppressed	0

Confirmed	70-79	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	80+	American Indian/Alaska Native	Unknown	0	0
Confirmed	Unknown	American Indian/Alaska Native	Unknown	0	0
Confirmed	0-9	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	10-19	Asian/Pacific Islander	Unknown	8	0
Confirmed	20-29	Asian/Pacific Islander	Unknown	12	0
Confirmed	30-39	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	40-49	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	50-59	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	60-69	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	70-79	Asian/Pacific Islander	Unknown	0	0
Confirmed	80+	Asian/Pacific Islander	Unknown	0	0
Confirmed	Unknown	Asian/Pacific Islander	Unknown	0	0
Confirmed	0-9	Black/African American	Unknown	9	0
Confirmed	10-19	Black/African American	Unknown	27	0
Confirmed	20-29	Black/African American	Unknown	132	0
Confirmed	30-39	Black/African American	Unknown	117	0
Confirmed	40-49	Black/African American	Unknown	122	0
Confirmed	50-59	Black/African American	Unknown	98	0
Confirmed	60-69	Black/African American	Unknown	45	0
Confirmed	70-79	Black/African American	Unknown	11	Suppressed
Confirmed	80+	Black/African American	Unknown	Suppressed	0
Confirmed	Unknown	Black/African American	Unknown	Suppressed	0
Confirmed	0-9	Multiple Races	Unknown	15	0
Confirmed	10-19	Multiple Races	Unknown	23	0
Confirmed	20-29	Multiple Races	Unknown	29	0
Confirmed	30-39	Multiple Races	Unknown	21	0
Confirmed	40-49	Multiple Races	Unknown	22	0
Confirmed	50-59	Multiple Races	Unknown	11	0
Confirmed	60-69	Multiple Races	Unknown	15	0
Confirmed	70-79	Multiple Races	Unknown	6	0
Confirmed	80+	Multiple Races	Unknown	Suppressed	0
Confirmed	Unknown	Multiple Races	Unknown	Suppressed	0
Confirmed	0-9	Other	Unknown	40	0
Confirmed	10-19	Other	Unknown	73	0
Confirmed	20-29	Other	Unknown	106	0
Confirmed	30-39	Other	Unknown	107	0
Confirmed	40-49	Other	Unknown	113	0
Confirmed	50-59	Other	Unknown	67	0
Confirmed	60-69	Other	Unknown	37	0
Confirmed	70-79	Other	Unknown	15	0
Confirmed	80+	Other	Unknown	17	0
Confirmed	Unknown	Other	Unknown	Suppressed	0
Confirmed	0-9	Unknown	Unknown	204	0
Confirmed	10-19	Unknown	Unknown	544	0
Confirmed	20-29	Unknown	Unknown	754	0
Confirmed	30-39	Unknown	Unknown	576	0
Confirmed	40-49	Unknown	Unknown	554	0
Confirmed	50-59	Unknown	Unknown	485	Suppressed
Confirmed	60-69	Unknown	Unknown	272	0

Confirmed	70-79	Unknown	Unknown	126	0
Confirmed	80+	Unknown	Unknown	66	0
Confirmed	Unknown	Unknown	Unknown	75	0
Confirmed	0-9	White	Unknown	54	0
Confirmed	10-19	White	Unknown	220	0
Confirmed	20-29	White	Unknown	293	0
Confirmed	30-39	White	Unknown	266	0
Confirmed	40-49	White	Unknown	248	0
Confirmed	50-59	White	Unknown	204	0
Confirmed	60-69	White	Unknown	160	0
Confirmed	70-79	White	Unknown	66	Suppressed
Confirmed	80+	White	Unknown	28	0
Confirmed	Unknown	White	Unknown	Suppressed	0
Probable	0-9	American Indian/Alaska Native	Female	88	0
Probable	10-19	American Indian/Alaska Native	Female	177	0
Probable	20-29	American Indian/Alaska Native	Female	132	0
Probable	30-39	American Indian/Alaska Native	Female	129	0
Probable	40-49	American Indian/Alaska Native	Female	106	0
Probable	50-59	American Indian/Alaska Native	Female	74	0
Probable	60-69	American Indian/Alaska Native	Female	47	Suppressed
Probable	70-79	American Indian/Alaska Native	Female	22	Suppressed
Probable	80+	American Indian/Alaska Native	Female	11	6
Probable	Unknown	American Indian/Alaska Native	Female	Suppressed	0
Probable	0-9	Asian/Pacific Islander	Female	58	0
Probable	10-19	Asian/Pacific Islander	Female	122	0
Probable	20-29	Asian/Pacific Islander	Female	178	0
Probable	30-39	Asian/Pacific Islander	Female	141	0
Probable	40-49	Asian/Pacific Islander	Female	128	0
Probable	50-59	Asian/Pacific Islander	Female	93	0
Probable	60-69	Asian/Pacific Islander	Female	50	Suppressed
Probable	70-79	Asian/Pacific Islander	Female	23	Suppressed
Probable	80+	Asian/Pacific Islander	Female	8	0
Probable	Unknown	Asian/Pacific Islander	Female	7	0
Probable	0-9	Black/African American	Female	389	0
Probable	10-19	Black/African American	Female	875	0
Probable	20-29	Black/African American	Female	1339	Suppressed
Probable	30-39	Black/African American	Female	1115	Suppressed
Probable	40-49	Black/African American	Female	826	6
Probable	50-59	Black/African American	Female	605	15
Probable	60-69	Black/African American	Female	389	24
Probable	70-79	Black/African American	Female	146	20
Probable	80+	Black/African American	Female	94	38
Probable	Unknown	Black/African American	Female	33	Suppressed
Probable	0-9	Multiple Races	Female	217	0
Probable	10-19	Multiple Races	Female	419	0
Probable	20-29	Multiple Races	Female	288	0
Probable	30-39	Multiple Races	Female	211	0
Probable	40-49	Multiple Races	Female	191	0
Probable	50-59	Multiple Races	Female	180	Suppressed
Probable	60-69	Multiple Races	Female	127	Suppressed

Probable	70-79	Multiple Races	Female	47	Suppressed
Probable	80+	Multiple Races	Female	34	6
Probable	Unknown	Multiple Races	Female	72	0
Probable	0-9	Other	Female	132	0
Probable	10-19	Other	Female	326	0
Probable	20-29	Other	Female	404	0
Probable	30-39	Other	Female	313	0
Probable	40-49	Other	Female	250	0
Probable	50-59	Other	Female	203	Suppressed
Probable	60-69	Other	Female	95	Suppressed
Probable	70-79	Other	Female	42	0
Probable	80+	Other	Female	16	Suppressed
Probable	Unknown	Other	Female	19	0
Probable	0-9	Unknown	Female	1295	0
Probable	10-19	Unknown	Female	3288	0
Probable	20-29	Unknown	Female	3840	0
Probable	30-39	Unknown	Female	3141	Suppressed
Probable	40-49	Unknown	Female	2939	0
Probable	50-59	Unknown	Female	2725	Suppressed
Probable	60-69	Unknown	Female	1711	6
Probable	70-79	Unknown	Female	705	Suppressed
Probable	80+	Unknown	Female	403	22
Probable	Unknown	Unknown	Female	1930	0
Probable	0-9	White	Female	3122	0
Probable	10-19	White	Female	7582	0
Probable	20-29	White	Female	7115	Suppressed
Probable	30-39	White	Female	6427	Suppressed
Probable	40-49	White	Female	5879	13
Probable	50-59	White	Female	5385	44
Probable	60-69	White	Female	3431	47
Probable	70-79	White	Female	1793	102
Probable	80+	White	Female	1784	343
Probable	Unknown	White	Female	500	Suppressed
Probable	0-9	American Indian/Alaska Native	Male	110	0
Probable	10-19	American Indian/Alaska Native	Male	190	0
Probable	20-29	American Indian/Alaska Native	Male	135	0
Probable	30-39	American Indian/Alaska Native	Male	101	0
Probable	40-49	American Indian/Alaska Native	Male	85	Suppressed
Probable	50-59	American Indian/Alaska Native	Male	66	Suppressed
Probable	60-69	American Indian/Alaska Native	Male	32	Suppressed
Probable	70-79	American Indian/Alaska Native	Male	14	6
Probable	80+	American Indian/Alaska Native	Male	9	Suppressed
Probable	Unknown	American Indian/Alaska Native	Male	Suppressed	0
Probable	0-9	Asian/Pacific Islander	Male	82	0
Probable	10-19	Asian/Pacific Islander	Male	137	0
Probable	20-29	Asian/Pacific Islander	Male	198	0
Probable	30-39	Asian/Pacific Islander	Male	147	Suppressed
Probable	40-49	Asian/Pacific Islander	Male	104	0
Probable	50-59	Asian/Pacific Islander	Male	77	Suppressed
Probable	60-69	Asian/Pacific Islander	Male	31	Suppressed

Probable	70-79	Asian/Pacific Islander	Male	10	Suppressed
Probable	80+	Asian/Pacific Islander	Male	9	Suppressed
Probable	Unknown	Asian/Pacific Islander	Male	Suppressed	0
Probable	0-9	Black/African American	Male	402	0
Probable	10-19	Black/African American	Male	827	Suppressed
Probable	20-29	Black/African American	Male	1044	Suppressed
Probable	30-39	Black/African American	Male	955	Suppressed
Probable	40-49	Black/African American	Male	707	11
Probable	50-59	Black/African American	Male	576	21
Probable	60-69	Black/African American	Male	320	34
Probable	70-79	Black/African American	Male	122	37
Probable	80+	Black/African American	Male	47	24
Probable	Unknown	Black/African American	Male	30	0
Probable	0-9	Multiple Races	Male	192	0
Probable	10-19	Multiple Races	Male	414	0
Probable	20-29	Multiple Races	Male	213	Suppressed
Probable	30-39	Multiple Races	Male	175	0
Probable	40-49	Multiple Races	Male	163	Suppressed
Probable	50-59	Multiple Races	Male	120	0
Probable	60-69	Multiple Races	Male	100	Suppressed
Probable	70-79	Multiple Races	Male	45	Suppressed
Probable	80+	Multiple Races	Male	19	7
Probable	Unknown	Multiple Races	Male	60	0
Probable	0-9	Other	Male	139	0
Probable	10-19	Other	Male	351	0
Probable	20-29	Other	Male	391	0
Probable	30-39	Other	Male	318	0
Probable	40-49	Other	Male	264	Suppressed
Probable	50-59	Other	Male	171	Suppressed
Probable	60-69	Other	Male	100	Suppressed
Probable	70-79	Other	Male	46	Suppressed
Probable	80+	Other	Male	10	Suppressed
Probable	Unknown	Other	Male	21	0
Probable	0-9	Unknown	Male	1323	0
Probable	10-19	Unknown	Male	3294	0
Probable	20-29	Unknown	Male	3622	0
Probable	30-39	Unknown	Male	3021	Suppressed
Probable	40-49	Unknown	Male	2684	Suppressed
Probable	50-59	Unknown	Male	2606	Suppressed
Probable	60-69	Unknown	Male	1463	6
Probable	70-79	Unknown	Male	578	10
Probable	80+	Unknown	Male	252	16
Probable	Unknown	Unknown	Male	1706	0
Probable	0-9	White	Male	3286	0
Probable	10-19	White	Male	7383	Suppressed
Probable	20-29	White	Male	5998	Suppressed
Probable	30-39	White	Male	5168	10
Probable	40-49	White	Male	4862	25
Probable	50-59	White	Male	4797	39
Probable	60-69	White	Male	3094	98

Probable	70-79	White	Male	1586	149
Probable	80+	White	Male	995	228
Probable	Unknown	White	Male	423	0
Probable	0-9	American Indian/Alaska Native	Unknown	0	0
Probable	10-19	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	20-29	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	30-39	American Indian/Alaska Native	Unknown	0	0
Probable	40-49	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	50-59	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	60-69	American Indian/Alaska Native	Unknown	0	0
Probable	70-79	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	80+	American Indian/Alaska Native	Unknown	0	0
Probable	Unknown	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	0-9	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	10-19	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	20-29	Asian/Pacific Islander	Unknown	6	0
Probable	30-39	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	40-49	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	50-59	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	60-69	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	70-79	Asian/Pacific Islander	Unknown	0	0
Probable	80+	Asian/Pacific Islander	Unknown	0	0
Probable	Unknown	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	0-9	Black/African American	Unknown	12	0
Probable	10-19	Black/African American	Unknown	22	0
Probable	20-29	Black/African American	Unknown	11	0
Probable	30-39	Black/African American	Unknown	6	0
Probable	40-49	Black/African American	Unknown	9	0
Probable	50-59	Black/African American	Unknown	6	0
Probable	60-69	Black/African American	Unknown	Suppressed	0
Probable	70-79	Black/African American	Unknown	Suppressed	0
Probable	80+	Black/African American	Unknown	0	0
Probable	Unknown	Black/African American	Unknown	7	0
Probable	0-9	Multiple Races	Unknown	15	0
Probable	10-19	Multiple Races	Unknown	40	0
Probable	20-29	Multiple Races	Unknown	20	0
Probable	30-39	Multiple Races	Unknown	22	0
Probable	40-49	Multiple Races	Unknown	16	0
Probable	50-59	Multiple Races	Unknown	11	0
Probable	60-69	Multiple Races	Unknown	Suppressed	0
Probable	70-79	Multiple Races	Unknown	Suppressed	0
Probable	80+	Multiple Races	Unknown	Suppressed	0
Probable	Unknown	Multiple Races	Unknown	19	0
Probable	0-9	Other	Unknown	18	0
Probable	10-19	Other	Unknown	50	0
Probable	20-29	Other	Unknown	49	0
Probable	30-39	Other	Unknown	56	0
Probable	40-49	Other	Unknown	39	0
Probable	50-59	Other	Unknown	31	0
Probable	60-69	Other	Unknown	24	0

Probable	70-79	Other	Unknown	11	0
Probable	80+	Other	Unknown	Suppressed	0
Probable	Unknown	Other	Unknown	15	0
Probable	0-9	Unknown	Unknown	449	0
Probable	10-19	Unknown	Unknown	996	0
Probable	20-29	Unknown	Unknown	986	0
Probable	30-39	Unknown	Unknown	818	Suppressed
Probable	40-49	Unknown	Unknown	829	0
Probable	50-59	Unknown	Unknown	669	0
Probable	60-69	Unknown	Unknown	396	0
Probable	70-79	Unknown	Unknown	161	0
Probable	80+	Unknown	Unknown	62	0
Probable	Unknown	Unknown	Unknown	2427	0
Probable	0-9	White	Unknown	89	0
Probable	10-19	White	Unknown	199	0
Probable	20-29	White	Unknown	104	Suppressed
Probable	30-39	White	Unknown	103	0
Probable	40-49	White	Unknown	107	0
Probable	50-59	White	Unknown	89	0
Probable	60-69	White	Unknown	42	0
Probable	70-79	White	Unknown	35	0
Probable	80+	White	Unknown	11	Suppressed
Probable	Unknown	White	Unknown	67	0

PUBLIC USE DATASETS

COVID-19 Tests by County

README

Data includes tests by type (diagnostic, serology or total combined) by county.

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Serology tests are used to look for the possibility of previous infection. Serology tests look for antibodies to SARS-CoV-2 in the blood. There are currently two types of serology tests: the enzyme-linked immunosorbent assay (ELISA) test and the rapid antibody detection POC test. Serology tests do not diagnose disease and do not guarantee immunity, but might provide information about previous infection.

Correctional includes state and federal prisons and county and city detection facilities.

Testing data represents total tests performed, not individuals tested. A single individual may have more than one test completed.

COVID-19 TESTS BY COUNTY 2021-11-08

Updated	COUNTY	TestType	Count	RatePerMillion
2021/11/08 14:48:25	Alcona	Diagnostic	10868	1044498
2021/11/08 14:48:25	Alcona	Serology	235	22585
2021/11/08 14:48:25	Alcona	Total	11103	1067083
2021/11/08 14:48:25	Alger	Diagnostic	9906	1087615
2021/11/08 14:48:25	Alger	Serology	447	49078
2021/11/08 14:48:25	Alger	Total	10353	1136693
2021/11/08 14:48:25	Allegan	Serology	3688	31233
2021/11/08 14:48:25	Allegan	Diagnostic	155004	1312692
2021/11/08 14:48:25	Allegan	Total	158692	1343925
2021/11/08 14:48:25	Alpena	Serology	900	31685
2021/11/08 14:48:25	Alpena	Diagnostic	32708	1151487
2021/11/08 14:48:25	Alpena	Total	33608	1183172
2021/11/08 14:48:25	Antrim	Diagnostic	29151	1249829
2021/11/08 14:48:25	Antrim	Serology	957	41031
2021/11/08 14:48:25	Antrim	Total	30108	1290859
2021/11/08 14:48:25	Arenac	Diagnostic	24134	1621582
2021/11/08 14:48:25	Arenac	Serology	585	39307
2021/11/08 14:48:25	Arenac	Total	24719	1660888
2021/11/08 14:48:25	Baraga	Diagnostic	10754	1310026
2021/11/08 14:48:25	Baraga	Serology	67	8162
2021/11/08 14:48:25	Baraga	Total	10821	1318187
2021/11/08 14:48:25	Barry	Diagnostic	77518	1259431
2021/11/08 14:48:25	Barry	Serology	2472	40162
2021/11/08 14:48:25	Barry	Total	79990	1299594
2021/11/08 14:48:25	Bay	Diagnostic	166239	1611999
2021/11/08 14:48:25	Bay	Serology	7889	76499
2021/11/08 14:48:25	Bay	Total	174128	1688498
2021/11/08 14:48:25	Benzie	Diagnostic	17125	963920
2021/11/08 14:48:25	Benzie	Serology	835	47000
2021/11/08 14:48:25	Benzie	Total	17960	1010920
2021/11/08 14:48:25	Berrien	Diagnostic	295905	1928964
2021/11/08 14:48:25	Berrien	Serology	7582	49426
2021/11/08 14:48:25	Berrien	Total	303487	1978390
2021/11/08 14:48:25	Branch	Diagnostic	59040	1356711
2021/11/08 14:48:25	Branch	Serology	799	18361
2021/11/08 14:48:25	Branch	Total	59839	1375072
2021/11/08 14:48:25	Calhoun	Diagnostic	258308	1925387
2021/11/08 14:48:25	Calhoun	Serology	2183	16272
2021/11/08 14:48:25	Calhoun	Total	260491	1941659
2021/11/08 14:48:25	Cass	Serology	989	19097
2021/11/08 14:48:25	Cass	Diagnostic	52170	1007396
2021/11/08 14:48:25	Cass	Total	53159	1026493
2021/11/08 14:48:25	Charlevoix	Diagnostic	30100	1151360
2021/11/08 14:48:25	Charlevoix	Serology	1266	48426
2021/11/08 14:48:25	Charlevoix	Total	31366	1199786
2021/11/08 14:48:25	Cheboygan	Serology	748	29593
2021/11/08 14:48:25	Cheboygan	Diagnostic	23629	934839

2021/11/08 14:48:25	Cheboygan	Total	24377	964433
2021/11/08 14:48:25	Chippewa	Serology	490	13119
2021/11/08 14:48:25	Chippewa	Diagnostic	39183	1049104
2021/11/08 14:48:25	Chippewa	Total	39673	1062224
2021/11/08 14:48:25	Clare	Diagnostic	36224	1170404
2021/11/08 14:48:25	Clare	Serology	1353	43716
2021/11/08 14:48:25	Clare	Total	37577	1214120
2021/11/08 14:48:25	Clinton	Serology	5041	63333
2021/11/08 14:48:25	Clinton	Diagnostic	75702	951090
2021/11/08 14:48:25	Clinton	Total	80743	1014423
2021/11/08 14:48:25	Correctional	Diagnostic	1043489	
2021/11/08 14:48:25	Correctional	Serology	31094	
2021/11/08 14:48:25	Correctional	Total	1074583	
2021/11/08 14:48:25	Crawford	Diagnostic	14760	1052106
2021/11/08 14:48:25	Crawford	Serology	432	30793
2021/11/08 14:48:25	Crawford	Total	15192	1082900
2021/11/08 14:48:25	Delta	Diagnostic	55592	1553543
2021/11/08 14:48:25	Delta	Serology	1109	30992
2021/11/08 14:48:25	Delta	Total	56701	1584535
2021/11/08 14:48:25	Detroit City	Diagnostic	1208004	1859028
2021/11/08 14:48:25	Detroit City	Serology	32793	50466
2021/11/08 14:48:25	Detroit City	Total	1240797	1909494
2021/11/08 14:48:25	Dickinson	Diagnostic	27069	1072507
2021/11/08 14:48:25	Dickinson	Serology	215	8519
2021/11/08 14:48:25	Dickinson	Total	27284	1081025
2021/11/08 14:48:25	Eaton	Serology	7451	67572
2021/11/08 14:48:25	Eaton	Diagnostic	168549	1528540
2021/11/08 14:48:25	Eaton	Total	176000	1596111
2021/11/08 14:48:25	Emmet	Serology	1838	55005
2021/11/08 14:48:25	Emmet	Diagnostic	41488	1241598
2021/11/08 14:48:25	Emmet	Total	43326	1296603
2021/11/08 14:48:25	Genesee	Serology	24670	60792
2021/11/08 14:48:25	Genesee	Diagnostic	526759	1298034
2021/11/08 14:48:25	Genesee	Total	551429	1358825
2021/11/08 14:48:25	Gladwin	Diagnostic	30540	1200047
2021/11/08 14:48:25	Gladwin	Serology	1347	52929
2021/11/08 14:48:25	Gladwin	Total	31887	1252977
2021/11/08 14:48:25	Gogebic	Diagnostic	24393	1745474
2021/11/08 14:48:25	Gogebic	Serology	263	18819
2021/11/08 14:48:25	Gogebic	Total	24656	1764293
2021/11/08 14:48:25	Grand Traverse	Diagnostic	118625	1274332
2021/11/08 14:48:25	Grand Traverse	Serology	7412	79624
2021/11/08 14:48:25	Grand Traverse	Total	126037	1353955
2021/11/08 14:48:25	Gratiot	Diagnostic	74939	1840756
2021/11/08 14:48:25	Gratiot	Serology	1394	34241
2021/11/08 14:48:25	Gratiot	Total	76333	1874997
2021/11/08 14:48:25	Hillsdale	Diagnostic	60661	1330139
2021/11/08 14:48:25	Hillsdale	Serology	1422	31181
2021/11/08 14:48:25	Hillsdale	Total	62083	1361320
2021/11/08 14:48:25	Houghton	Serology	305	8547

2021/11/08 14:48:25	Houghton	Diagnostic	61383	1720183
2021/11/08 14:48:25	Houghton	Total	61688	1728730
2021/11/08 14:48:25	Huron	Diagnostic	37325	1204771
2021/11/08 14:48:25	Huron	Serology	1166	37636
2021/11/08 14:48:25	Huron	Total	38491	1242407
2021/11/08 14:48:25	Ingham	Serology	22550	77119
2021/11/08 14:48:25	Ingham	Diagnostic	452771	1548433
2021/11/08 14:48:25	Ingham	Total	475321	1625551
2021/11/08 14:48:25	Ionia	Diagnostic	102052	1577384
2021/11/08 14:48:25	Ionia	Serology	2895	44747
2021/11/08 14:48:25	Ionia	Total	104947	1622131
2021/11/08 14:48:25	Iosco	Diagnostic	37495	1492220
2021/11/08 14:48:25	Iosco	Serology	764	30406
2021/11/08 14:48:25	Iosco	Total	38259	1522625
2021/11/08 14:48:25	Iron	Diagnostic	29163	2635370
2021/11/08 14:48:25	Iron	Serology	141	12742
2021/11/08 14:48:25	Iron	Total	29304	2648111
2021/11/08 14:48:25	Isabella	Diagnostic	88387	1264985
2021/11/08 14:48:25	Isabella	Serology	1806	25847
2021/11/08 14:48:25	Isabella	Total	90193	1290832
2021/11/08 14:48:25	Jackson	Diagnostic	290457	1832421
2021/11/08 14:48:25	Jackson	Serology	5036	31771
2021/11/08 14:48:25	Jackson	Total	295493	1864192
2021/11/08 14:48:25	Kalamazoo	Diagnostic	416355	1570760
2021/11/08 14:48:25	Kalamazoo	Serology	7729	29159
2021/11/08 14:48:25	Kalamazoo	Total	424084	1599919
2021/11/08 14:48:25	Kalkaska	Serology	918	50893
2021/11/08 14:48:25	Kalkaska	Diagnostic	23712	1314558
2021/11/08 14:48:25	Kalkaska	Total	24630	1365451
2021/11/08 14:48:25	Kent	Serology	53415	81307
2021/11/08 14:48:25	Kent	Diagnostic	1215448	1850124
2021/11/08 14:48:25	Kent	Total	1268863	1931431
2021/11/08 14:48:25	Keweenaw	Diagnostic	3088	1459357
2021/11/08 14:48:25	Keweenaw	Serology	40	18904
2021/11/08 14:48:25	Keweenaw	Total	3128	1478261
2021/11/08 14:48:25	Lake	Diagnostic	14547	1227284
2021/11/08 14:48:25	Lake	Serology	277	23370
2021/11/08 14:48:25	Lake	Total	14824	1250654
2021/11/08 14:48:25	Lapeer	Diagnostic	91892	1048912
2021/11/08 14:48:25	Lapeer	Serology	4815	54961
2021/11/08 14:48:25	Lapeer	Total	96707	1103873
2021/11/08 14:48:25	Leelanau	Diagnostic	17005	781444
2021/11/08 14:48:25	Leelanau	Serology	1231	56569
2021/11/08 14:48:25	Leelanau	Total	18236	838013
2021/11/08 14:48:25	Lenawee	Serology	3003	30502
2021/11/08 14:48:25	Lenawee	Diagnostic	171929	1746341
2021/11/08 14:48:25	Lenawee	Total	174932	1776843
2021/11/08 14:48:25	Livingston	Diagnostic	281963	1468596
2021/11/08 14:48:25	Livingston	Serology	10285	53569
2021/11/08 14:48:25	Livingston	Total	292248	1522165

2021/11/08 14:48:25	Luce	Diagnostic	8002	1284636
2021/11/08 14:48:25	Luce	Serology	39	6261
2021/11/08 14:48:25	Luce	Total	8041	1290897
2021/11/08 14:48:25	Mackinac	Diagnostic	12996	1203445
2021/11/08 14:48:25	Mackinac	Serology	209	19354
2021/11/08 14:48:25	Mackinac	Total	13205	1222798
2021/11/08 14:48:25	Macomb	Diagnostic	1267363	1450119
2021/11/08 14:48:25	Macomb	Serology	79423	90876
2021/11/08 14:48:25	Macomb	Total	1346786	1540994
2021/11/08 14:48:25	Manistee	Serology	1092	44466
2021/11/08 14:48:25	Manistee	Diagnostic	26398	1074925
2021/11/08 14:48:25	Manistee	Total	27490	1119391
2021/11/08 14:48:25	Marquette	Serology	1663	24933
2021/11/08 14:48:25	Marquette	Diagnostic	158242	2372479
2021/11/08 14:48:25	Marquette	Total	159905	2397412
2021/11/08 14:48:25	Mason	Diagnostic	46021	1579090
2021/11/08 14:48:25	Mason	Serology	1277	43817
2021/11/08 14:48:25	Mason	Total	47298	1622907
2021/11/08 14:48:25	Mecosta	Serology	1274	29319
2021/11/08 14:48:25	Mecosta	Diagnostic	53562	1232642
2021/11/08 14:48:25	Mecosta	Total	54836	1261961
2021/11/08 14:48:25	Menominee	Diagnostic	33878	1487182
2021/11/08 14:48:25	Menominee	Serology	229	10053
2021/11/08 14:48:25	Menominee	Total	34107	1497234
2021/11/08 14:48:25	Midland	Diagnostic	97996	1178460
2021/11/08 14:48:25	Midland	Serology	8179	98357
2021/11/08 14:48:25	Midland	Total	106175	1276817
2021/11/08 14:48:25	Missaukee	Diagnostic	14783	977841
2021/11/08 14:48:25	Missaukee	Serology	765	50602
2021/11/08 14:48:25	Missaukee	Total	15548	1028443
2021/11/08 14:48:25	Monroe	Serology	7534	50060
2021/11/08 14:48:25	Monroe	Diagnostic	208860	1387774
2021/11/08 14:48:25	Monroe	Total	216394	1437834
2021/11/08 14:48:25	Montcalm	Diagnostic	104471	1635221
2021/11/08 14:48:25	Montcalm	Serology	3013	47161
2021/11/08 14:48:25	Montcalm	Total	107484	1682382
2021/11/08 14:48:25	Montmorency	Diagnostic	12036	1290309
2021/11/08 14:48:25	Montmorency	Serology	489	52423
2021/11/08 14:48:25	Montmorency	Total	12525	1342732
2021/11/08 14:48:25	Muskegon	Diagnostic	284425	1638714
2021/11/08 14:48:25	Muskegon	Serology	4694	27044
2021/11/08 14:48:25	Muskegon	Total	289119	1665758
2021/11/08 14:48:25	Newaygo	Diagnostic	61931	1264414
2021/11/08 14:48:25	Newaygo	Serology	2168	44263
2021/11/08 14:48:25	Newaygo	Total	64099	1308677
2021/11/08 14:48:25	Oakland	Serology	140919	112055
2021/11/08 14:48:25	Oakland	Diagnostic	1976103	1571349
2021/11/08 14:48:25	Oakland	Total	2117022	1683404
2021/11/08 14:48:25	Oceana	Diagnostic	46717	1765104
2021/11/08 14:48:25	Oceana	Serology	1149	43413

2021/11/08 14:48:25	Oceana	Total	47866	1808516
2021/11/08 14:48:25	Ogemaw	Serology	693	33005
2021/11/08 14:48:25	Ogemaw	Diagnostic	26950	1283517
2021/11/08 14:48:25	Ogemaw	Total	27643	1316521
2021/11/08 14:48:25	Ontonagon	Diagnostic	9761	1706469
2021/11/08 14:48:25	Ontonagon	Serology	72	12587
2021/11/08 14:48:25	Ontonagon	Total	9833	1719056
2021/11/08 14:48:25	Osceola	Serology	1400	59676
2021/11/08 14:48:25	Osceola	Diagnostic	34403	1466454
2021/11/08 14:48:25	Osceola	Total	35803	1526130
2021/11/08 14:48:25	Oscoda	Diagnostic	7711	935687
2021/11/08 14:48:25	Oscoda	Serology	410	49751
2021/11/08 14:48:25	Oscoda	Total	8121	985439
2021/11/08 14:48:25	Otsego	Diagnostic	32759	1327996
2021/11/08 14:48:25	Otsego	Serology	1290	52294
2021/11/08 14:48:25	Otsego	Total	34049	1380290
2021/11/08 14:48:25	Ottawa	Diagnostic	501914	1719885
2021/11/08 14:48:25	Ottawa	Serology	17888	61296
2021/11/08 14:48:25	Ottawa	Total	519802	1781181
2021/11/08 14:48:25	Presque Isle	Serology	639	50747
2021/11/08 14:48:25	Presque Isle	Diagnostic	14404	1143901
2021/11/08 14:48:25	Presque Isle	Total	15043	1194647
2021/11/08 14:48:25	Roscommon	Diagnostic	28596	1190557
2021/11/08 14:48:25	Roscommon	Serology	877	36513
2021/11/08 14:48:25	Roscommon	Total	29473	1227070
2021/11/08 14:48:25	Saginaw	Diagnostic	323534	1697994
2021/11/08 14:48:25	Saginaw	Serology	10847	56928
2021/11/08 14:48:25	Saginaw	Total	334381	1754922
2021/11/08 14:48:25	Sanilac	Diagnostic	61321	1489458
2021/11/08 14:48:25	Sanilac	Serology	1886	45810
2021/11/08 14:48:25	Sanilac	Total	63207	1535268
2021/11/08 14:48:25	Schoolcraft	Diagnostic	6945	858043
2021/11/08 14:48:25	Schoolcraft	Serology	71	8772
2021/11/08 14:48:25	Schoolcraft	Total	7016	866815
2021/11/08 14:48:25	Shiawassee	Diagnostic	96016	1409471
2021/11/08 14:48:25	Shiawassee	Serology	3210	47121
2021/11/08 14:48:25	Shiawassee	Total	99226	1456593
2021/11/08 14:48:25	St Clair	Serology	10798	67857
2021/11/08 14:48:25	St Clair	Diagnostic	198357	1246525
2021/11/08 14:48:25	St Clair	Total	209155	1314382
2021/11/08 14:48:25	St Joseph	Serology	1989	32626
2021/11/08 14:48:25	St Joseph	Diagnostic	75197	1233466
2021/11/08 14:48:25	St Joseph	Total	77186	1266091
2021/11/08 14:48:25	Tuscola	Serology	2714	51948
2021/11/08 14:48:25	Tuscola	Diagnostic	80453	1539918
2021/11/08 14:48:25	Tuscola	Total	83167	1591865
2021/11/08 14:48:25	Unknown	Diagnostic	662013	
2021/11/08 14:48:25	Unknown	Serology	32462	
2021/11/08 14:48:25	Unknown	Total	694475	
2021/11/08 14:48:25	Van Buren	Diagnostic	124212	1641344

2021/11/08 14:48:25	Van Buren	Serology	1978	26137
2021/11/08 14:48:25	Van Buren	Total	126190	1667482
2021/11/08 14:48:25	Washtenaw	Diagnostic	995317	2707601
2021/11/08 14:48:25	Washtenaw	Serology	20455	55645
2021/11/08 14:48:25	Washtenaw	Total	1015772	2763246
2021/11/08 14:48:25	Wayne	Diagnostic	1933352	1751523
2021/11/08 14:48:25	Wayne	Serology	94022	85179
2021/11/08 14:48:25	Wayne	Total	2027374	1836702
2021/11/08 14:48:25	Wexford	Serology	1477	43918
2021/11/08 14:48:25	Wexford	Diagnostic	42567	1265707
2021/11/08 14:48:25	Wexford	Total	44044	1309625

PUBLIC USE DATASETS

Diagnostic Tests by Result and County

README

Data include diagnostic tests for COVID-19 by date and county.

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Correctional includes state and federal prisons and county and city detection facilities.

Testing data represents total tests performed, not individuals tested. A single individual may have more than one test completed.

The total number of positive tests may exceed the number of confirmed cases due to 1) a single individual may have more than one test performed; 2) MDHHS may receive data on positive tests in advance of a local health department classifying an individual as a confirmed or probable case, and 3) although efforts have been made to de-duplicate testing data, some duplication may occur.

DIAGNOSTIC TESTS BY RESULT AND COUNTY 2021-11-08

MessageDate	COUNTY	Negative	Positive	Total
11/7/2021	Alcona	18	6	24
11/7/2021	Alger	1	2	3
11/7/2021	Allegan	258	47	305
11/7/2021	Alpena	46	17	63
11/7/2021	Antrim	18	13	31
11/7/2021	Arenac	46	13	59
11/7/2021	Baraga	1	0	1
11/7/2021	Barry	119	20	139
11/7/2021	Bay	155	45	200
11/7/2021	Benzie	25	10	35
11/7/2021	Berrien	160	67	227
11/7/2021	Branch	60	49	109
11/7/2021	Calhoun	202	56	258
11/7/2021	Cass	47	20	67
11/7/2021	Charlevoix	29	7	36
11/7/2021	Cheboygan	39	11	50
11/7/2021	Chippewa	19	10	29
11/7/2021	Clare	69	42	111
11/7/2021	Clinton	114	19	133
11/7/2021	Correctional	42	6	48
11/7/2021	Crawford	15	8	23
11/7/2021	Delta	26	7	33
11/7/2021	Detroit City	3494	240	3734
11/7/2021	Dickinson	14	0	14
11/7/2021	Eaton	235	47	282
11/7/2021	Emmet	171	8	179
11/7/2021	Genesee	632	183	815
11/7/2021	Gladwin	52	9	61
11/7/2021	Gogebic	9	1	10
11/7/2021	Grand Traverse	138	31	169
11/7/2021	Gratiot	96	25	121
11/7/2021	Hillsdale	72	45	117
11/7/2021	Houghton	23	5	28
11/7/2021	Huron	41	16	57
11/7/2021	Ingham	686	136	822
11/7/2021	Ionia	98	28	126
11/7/2021	Iosco	67	19	86
11/7/2021	Iron	16	5	21
11/7/2021	Isabella	128	31	159
11/7/2021	Jackson	384	98	482
11/7/2021	Kalamazoo	547	84	631
11/7/2021	Kalkaska	24	5	29
11/7/2021	Kent	1119	240	1359
11/7/2021	Keweenaw	1	1	2
11/7/2021	Lake	16	4	20
11/7/2021	Lapeer	95	34	129
11/7/2021	Leelanau	13	4	17

11/7/2021	Lenawee	254	68	322
11/7/2021	Livingston	512	100	612
11/7/2021	Luce	2	2	4
11/7/2021	Mackinac	3	2	5
11/7/2021	Macomb	1844	319	2163
11/7/2021	Manistee	35	7	42
11/7/2021	Marquette	85	14	99
11/7/2021	Mason	64	23	87
11/7/2021	Mecosta	49	23	72
11/7/2021	Menominee	11	1	12
11/7/2021	Midland	151	20	171
11/7/2021	Missaukee	20	3	23
11/7/2021	Monroe	264	59	323
11/7/2021	Montcalm	109	36	145
11/7/2021	Montmorency	19	16	35
11/7/2021	Muskegon	313	95	408
11/7/2021	Newaygo	65	30	95
11/7/2021	Oakland	2775	349	3124
11/7/2021	Oceana	48	22	70
11/7/2021	Ogemaw	48	5	53
11/7/2021	Ontonagon	5	0	5
11/7/2021	Osceola	29	12	41
11/7/2021	Oscoda	14	3	17
11/7/2021	Otsego	34	18	52
11/7/2021	Ottawa	453	158	611
11/7/2021	Presque Isle	24	6	30
11/7/2021	Roscommon	55	16	71
11/7/2021	Saginaw	259	75	334
11/7/2021	Sanilac	47	16	63
11/7/2021	Schoolcraft	5	1	6
11/7/2021	Shiawassee	152	23	175
11/7/2021	St Clair	225	39	264
11/7/2021	St Joseph	45	19	64
11/7/2021	Tuscola	90	35	125
11/7/2021	Unknown	480	75	555
11/7/2021	Van Buren	150	24	174
11/7/2021	Washtenaw	2822	146	2968
11/7/2021	Wayne	2705	339	3044
11/7/2021	Wexford	48	20	68
11/6/2021	Alcona	27	6	33
11/6/2021	Alger	8	1	9
11/6/2021	Allegan	290	66	356
11/6/2021	Alpena	118	36	154
11/6/2021	Antrim	61	18	79
11/6/2021	Arenac	50	11	61
11/6/2021	Baraga	6	0	6
11/6/2021	Barry	102	46	148
11/6/2021	Bay	354	84	438
11/6/2021	Benzie	32	7	39
11/6/2021	Berrien	310	58	368

11/6/2021	Branch	117	36	153
11/6/2021	Calhoun	410	60	470
11/6/2021	Cass	71	12	83
11/6/2021	Charlevoix	46	7	53
11/6/2021	Cheboygan	57	14	71
11/6/2021	Chippewa	69	10	79
11/6/2021	Clare	73	24	97
11/6/2021	Clinton	114	27	141
11/6/2021	Correctional	74	1	75
11/6/2021	Crawford	29	5	34
11/6/2021	Delta	117	18	135
11/6/2021	Detroit City	2185	175	2360
11/6/2021	Dickinson	56	5	61
11/6/2021	Eaton	383	96	479
11/6/2021	Emmet	72	20	92
11/6/2021	Genesee	982	233	1215
11/6/2021	Gladwin	116	17	133
11/6/2021	Gogebic	47	6	53
11/6/2021	Grand Traverse	231	44	275
11/6/2021	Gratiot	119	26	145
11/6/2021	Hillsdale	145	45	190
11/6/2021	Houghton	167	32	199
11/6/2021	Huron	43	9	52
11/6/2021	Ingham	864	147	1011
11/6/2021	Ionia	208	62	270
11/6/2021	Iosco	62	24	86
11/6/2021	Iron	25	8	33
11/6/2021	Isabella	225	47	272
11/6/2021	Jackson	477	129	606
11/6/2021	Kalamazoo	934	109	1043
11/6/2021	Kalkaska	67	12	79
11/6/2021	Kent	2025	426	2451
11/6/2021	Keweenaw	10	1	11
11/6/2021	Lake	25	2	27
11/6/2021	Lapeer	130	39	169
11/6/2021	Leelanau	45	5	50
11/6/2021	Lenawee	258	79	337
11/6/2021	Livingston	437	101	538
11/6/2021	Luce	1	3	4
11/6/2021	Mackinac	30	5	35
11/6/2021	Macomb	2085	369	2454
11/6/2021	Manistee	42	11	53
11/6/2021	Marquette	275	48	323
11/6/2021	Mason	130	33	163
11/6/2021	Mecosta	111	23	134
11/6/2021	Menominee	64	13	77
11/6/2021	Midland	291	47	338
11/6/2021	Missaukee	29	10	39
11/6/2021	Monroe	347	67	414
11/6/2021	Montcalm	187	50	237

11/6/2021	Montmorency	34	7	41
11/6/2021	Muskegon	685	147	832
11/6/2021	Newaygo	150	38	188
11/6/2021	Oakland	3038	423	3461
11/6/2021	Oceana	92	26	118
11/6/2021	Ogemaw	60	3	63
11/6/2021	Ontonagon	12	0	12
11/6/2021	Osceola	58	19	77
11/6/2021	Oscoda	15	2	17
11/6/2021	Otsego	89	21	110
11/6/2021	Ottawa	964	244	1208
11/6/2021	Presque Isle	29	7	36
11/6/2021	Roscommon	78	29	107
11/6/2021	Saginaw	486	156	642
11/6/2021	Sanilac	87	43	130
11/6/2021	Schoolcraft	5	0	5
11/6/2021	Shiawassee	159	46	205
11/6/2021	St Clair	277	50	327
11/6/2021	St Joseph	81	35	116
11/6/2021	Tuscola	84	39	123
11/6/2021	Unknown	532	70	602
11/6/2021	Van Buren	241	42	283
11/6/2021	Washtenaw	1309	77	1386
11/6/2021	Wayne	2767	391	3158
11/6/2021	Wexford	123	36	159
11/5/2021	Alcona	17	9	26
11/5/2021	Alger	6	4	10
11/5/2021	Allegan	342	122	464
11/5/2021	Alpena	95	43	138
11/5/2021	Antrim	49	18	67
11/5/2021	Arenac	32	11	43
11/5/2021	Baraga	6	1	7
11/5/2021	Barry	137	65	202
11/5/2021	Bay	294	76	370
11/5/2021	Benzie	35	12	47
11/5/2021	Berrien	366	74	440
11/5/2021	Branch	125	42	167
11/5/2021	Calhoun	520	71	591
11/5/2021	Cass	75	26	101
11/5/2021	Charlevoix	52	14	66
11/5/2021	Cheboygan	37	19	56
11/5/2021	Chippewa	72	8	80
11/5/2021	Clare	76	22	98
11/5/2021	Clinton	90	22	112
11/5/2021	Correctional	158	3	161
11/5/2021	Crawford	20	9	29
11/5/2021	Delta	143	29	172
11/5/2021	Detroit City	7692	352	8044
11/5/2021	Dickinson	111	13	124
11/5/2021	Eaton	376	107	483

11/5/2021	Emmet	101	9	110
11/5/2021	Genesee	1249	288	1537
11/5/2021	Gladwin	94	13	107
11/5/2021	Gogebic	41	16	57
11/5/2021	Grand Traverse	230	55	285
11/5/2021	Gratiot	120	26	146
11/5/2021	Hillsdale	66	26	92
11/5/2021	Houghton	196	64	260
11/5/2021	Huron	137	37	174
11/5/2021	Ingham	893	133	1026
11/5/2021	Ionia	185	72	257
11/5/2021	Iosco	71	20	91
11/5/2021	Iron	51	9	60
11/5/2021	Isabella	274	27	301
11/5/2021	Jackson	583	142	725
11/5/2021	Kalamazoo	906	142	1048
11/5/2021	Kalkaska	53	8	61
11/5/2021	Kent	2306	759	3065
11/5/2021	Keweenaw	14	4	18
11/5/2021	Lake	15	2	17
11/5/2021	Lapeer	207	52	259
11/5/2021	Leelanau	19	3	22
11/5/2021	Lenawee	278	91	369
11/5/2021	Livingston	586	161	747
11/5/2021	Luce	5	3	8
11/5/2021	Mackinac	19	1	20
11/5/2021	Macomb	3328	554	3882
11/5/2021	Manistee	40	13	53
11/5/2021	Marquette	131	39	170
11/5/2021	Mason	142	49	191
11/5/2021	Mecosta	105	24	129
11/5/2021	Menominee	123	13	136
11/5/2021	Midland	274	61	335
11/5/2021	Missaukee	27	9	36
11/5/2021	Monroe	448	98	546
11/5/2021	Montcalm	158	42	200
11/5/2021	Montmorency	31	6	37
11/5/2021	Muskegon	609	157	766
11/5/2021	Newaygo	114	35	149
11/5/2021	Oakland	4852	602	5454
11/5/2021	Oceana	81	30	111
11/5/2021	Ogemaw	29	15	44
11/5/2021	Ontonagon	14	5	19
11/5/2021	Osceola	60	21	81
11/5/2021	Oscoda	10	4	14
11/5/2021	Otsego	73	38	111
11/5/2021	Ottawa	1098	323	1421
11/5/2021	Presque Isle	18	6	24
11/5/2021	Roscommon	86	16	102
11/5/2021	Saginaw	561	112	673

11/5/2021	Sanilac	95	31	126
11/5/2021	Schoolcraft	5	3	8
11/5/2021	Shiawassee	295	80	375
11/5/2021	St Clair	438	103	541
11/5/2021	St Joseph	129	61	190
11/5/2021	Tuscola	178	37	215
11/5/2021	Unknown	1124	124	1248
11/5/2021	Van Buren	257	32	289
11/5/2021	Washtenaw	3184	195	3379
11/5/2021	Wayne	4795	691	5486
11/5/2021	Wexford	108	34	142